

Errata in Mr. Babington's Paper on Chara.

P. 84. *C. mucronata* was found at *West*, not *East* Grinstead.

P. 91. *C. aspera*. Mr. Borrer did not find this nor any other species at Carlton, Notts; that station therefore must be erased.

P. 91. *C. Hedwigii*. For *East* read *West* Grinstead.

METEOROLOGICAL OBSERVATIONS FOR JAN. 1850.

Chiswick.—January 1. Sharp frost: fine: cloudy. 2. Hazy: fine. 3. Foggy: hazy. 4. Foggy: overcast: clear. 5, 6. Frosty: very fine: clear and frosty. 7. Sharp frost: clear: severe frost at night. 8. Frosty: overcast. 9. Slight fall of granular snow: overcast. 10. Snowing slightly: overcast. 11. Hazy throughout. 12. Slight snow: dusky: hazy. 13. Hazy: clear and frosty. 14, 15. Cloudy and cold. 16, 17. Densely overcast. 18. Foggy: snow at night, with heavy rain. 19. Cloudy: drizzly. 20. Frosty. 21. Cloudy. 22. Hazy. 23. Hazy: clear at night. 24. Foggy and drizzly. 25. Foggy: densely overcast: rain at night. 26. Densely clouded: showery. 27. Sudden rise of barometer: frosty: very fine. 28. Overcast. 29. Very fine: rain. 30. Foggy: very fine. 31. Hazy and cold: heavy rain at night.

Mean temperature of the month 33°·11

Mean temperature of Jan. 1849 39·56

Mean temperature of Jan. for the last twenty-four years . 36·60

Average amount of rain in Jan. 1·60 inch.

Boston.—Jan. 1. Fine. 2. Cloudy. 3, 4. Cloudy: rain P.M. 5—8. Fine. 9—11. Cloudy. 12. Cloudy: snow A.M. 13. Fine. 14—17. Cloudy. 18. Cloudy: snow and rain P.M. 19. Cloudy: rain early A.M. 20. Cloudy: snow A.M. 21, 22. Cloudy. 23. Fine. 24. Cloudy. 25. Fine. 26. Cloudy: rain and snow P.M. 27. Fine. 28. Cloudy. 29, 30. Fine. 31. Fine: rain P.M.—N.B. This has been the coldest January since the year 1838.

Applegarth Manse, Dumfries-shire.—Jan. 1. Frost: dull and threatening change. 2. Thaw: small rain. 3. Thaw: drizzle. 4. Slight frost early A.M.: rain and wind P.M. 5. Snow half an inch deep: frost. 6. Frost very hard: snow lying. 7, 8. Frost very hard. 9. Frost very hard: thermometer 11°. 10. Cloudy, looking like change. 11. Cloudy, but still freezing. 12. Still slight frost, but unsettled. 13. Frost still slight: cloudy. 14. Frost, slight A.M.: harder P.M. 15. Bright and clear: hard frost: a little snow. 16. Frost: slight shower of snow: looking dull. 17. Hard frost: clear: snow lying. 18. Hard frost, and heavy snow 4 inches deep. 19. Frost not so hard: thaw P.M.: frost again. 20. Frost: additional sprinkling of snow. 21. Frost hard again. 22. Frost moderate. 23. Thaw: mild: cloudy. 24. Thaw: snow melting fast. 25. Rain in the night: thaw continuing. 26. Thaw A.M.: came on to freeze at 6 P.M. 27. Hard frost A.M.: thaw and rain P.M. 28. Heavy rain: snow nearly gone. 29. Slight frost A.M.: keener P.M. 30. Frost moderate: snow all gone. 31. Slight shower of snow A.M.: frost: rain P.M.

Mean temperature of the month 30°·8

Mean temperature of Jan. 1849 36·3

Mean temperature of Jan. for the last twenty-eight years. 34·9

Average amount of rain in Jan. for the last twenty years. 2·60 inches.

Sandwich Manse, Orkney.—Jan. 1. Cloudy. 2. Bright: fine: rain. 3. Showers: sleet-showers. 4. Thunder: sleet-showers. 5. Thunder: showers. 6. Sleet-showers. 7. Sleet-showers: clear. 8. Cloudy. 9. Rain: cloudy. 10. Cloudy: sleet-showers. 11. Cloudy: clear. 12. Snow-showers: cloudy. 13. Cloudy: clear: frost: aurora. 14. Snow-showers: snow-drift. 15. Snow-drift. 16. Snow-drift: snow: thaw. 17. Rain: clear: frost: aurora. 18. Clear: frost: cloudy. 19. Snow-showers: cloudy: aurora. 20. Cloudy. 21. Cloudy: thaw. 22. Showers: drizzle. 23, 24. Drizzle. 25. Cloudy: snow-showers. 26. Snow-showers: snow: clear. 27. Snow: frost: snow-showers. 28. Showers: drizzle. 29. Bright: large halo. 30. Fine: frost: clear: aurora. 31. Bright: rain.